



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/08/2011

Thomas Costello
Assistant District Attorney, Suffolk County

Dear ADA Costello,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Stacey Desjardins.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Stacey Desjardins was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Dookhan was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Stacey Lyn Desjardins

stacey.felden@state.ma.us

EDUCATION

Master of Science—Forensic Science

University of New Haven; West Haven, Connecticut

May 2006

- Concentration: Criminalistics
- Certificate: Advanced Investigation

Bachelor of Arts—Chemistry

Monmouth College; Monmouth, Illinois

May 2004

- Graduated Cum Laude

EXPERIENCE

Chemist I

Massachusetts Department of Public Health; Jamaica Plain, Massachusetts

March 2009-present

- Analyze unknown substances submitted by Massachusetts Law Enforcement Agencies
- Operate, maintain, and interpret data from analytical equipment (Gas Chromatograph, analytical balance, microscope, Ultraviolet Spectrometer, Infrared Spectrometer)
- Provide expert testimony to local, state, and federal courts in Massachusetts

Teaching/Graduate Assistant

Monmouth College Chemistry Department

University of New Haven Forensic Science Department

January 2001-May 2006

- Supervised labs and answered student questions
- Performed demonstrations using forensic techniques and chemicals

Additional work experience and references available upon request

TRAINING

2010: DEA Forensic Chemist Seminar—Washington DC

2009: Multijurisdictional Counterdrug Task Force Training on Current Drug Trends

2009: Six week training with Senior Staff at the Massachusetts Department of Public Health Drug Analysis Laboratory—appointed Assistant Analyst

2005: Internship with the New Hampshire State Crime Lab

COURSEWORK

Biomedical Methods of Forensic Science, Criminal Procedure, Forensic Microscopy, Advanced Criminalistics I and II, Forensic Toxicology, Advanced Investigation I and II, Physical Analysis in Forensic Science, Organic Chemistry I and II, General Chemistry, Analytical Chemistry I and II, Physical Chemistry I, II, and III, Biochemistry, Advanced Inorganic Chemistry

DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHT

LAB USE ONLY

ANALYSIS
NUMBER

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]

Date Analyzed: 10-26-09

Amount:

Subst: SUB

No. Cont: 3 Cont: pb

Date Rec'd: 02/13/2009

No. Analyzed: 1

Gross Wt.: 2.38 ✓

Net Weight: 0.08g

Tests: 4 SLF

2 ASD

Prelim: heroin

Findings: Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY Boston

ANALYST SLF

No. of samples tested: 1 balance ok

Evidence Wt. ✓

PHYSICAL DESCRIPTION:

- signed & sealed
- light brown powdery
substance in 3 pbs

Gross Wt (3): 0.8716g

Gross Wt (1): 0.2933g

Pkg. Wt: 0.2061g

Net Wt: 0.0872g

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () ⊕
Marquis ⊕
Froehde's ⊕
Mecke's ⊕

Microcrystalline Tests

Gold
Chloride _____
TLTA () _____

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS heroin

DATE 10-15-09

GC/MS CONFIRMATORY TEST

RESULTS heroin

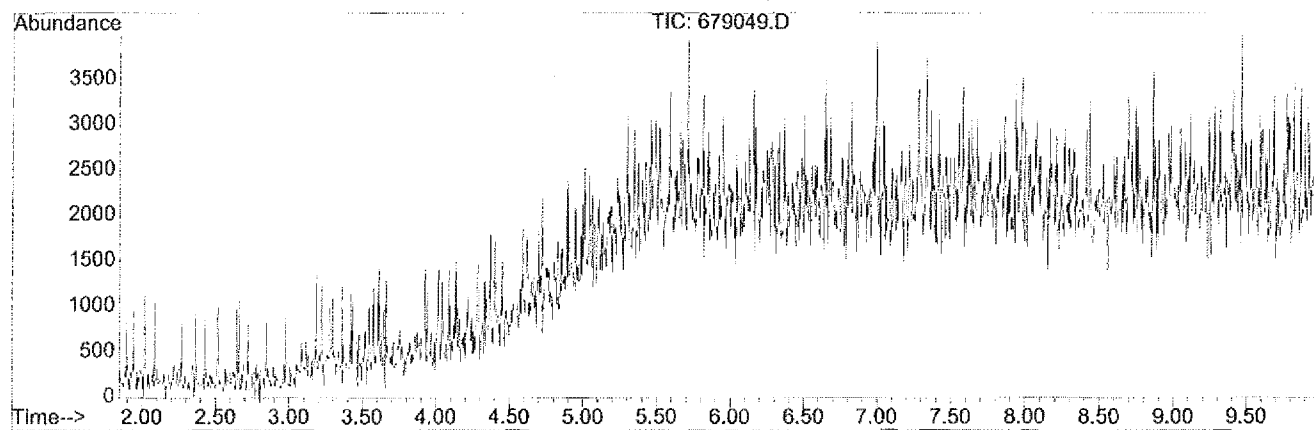
MS
OPERATOR ASD

DATE 10-20-09

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM4\10_19_09\679049.D
Operator : ASD
Date Acquired : 19 Oct 2009 21:18
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



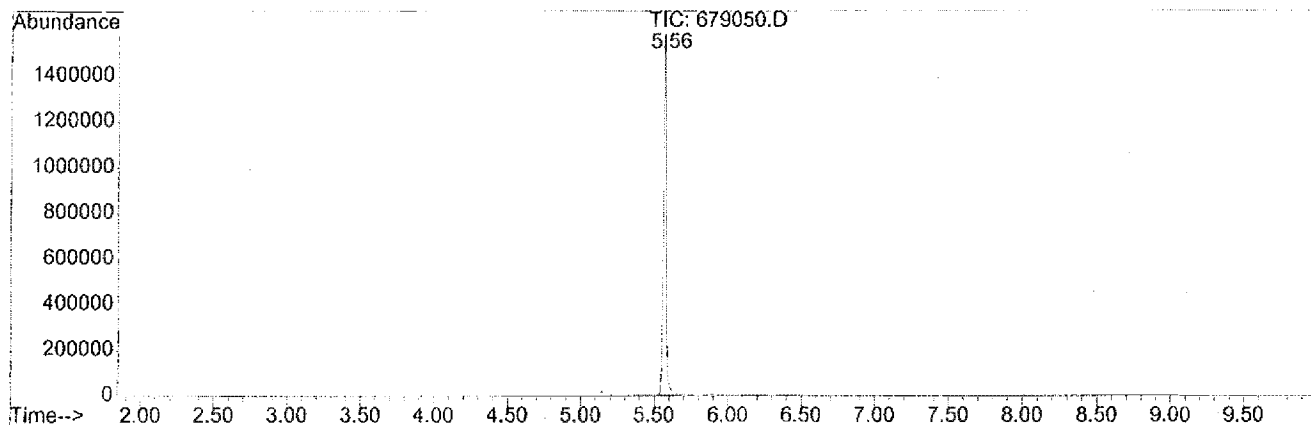
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM4\10_19_09\679050.D
 Operator : ASD
 Date Acquired : 19 Oct 2009 21:31
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 50
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.564	2096037	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

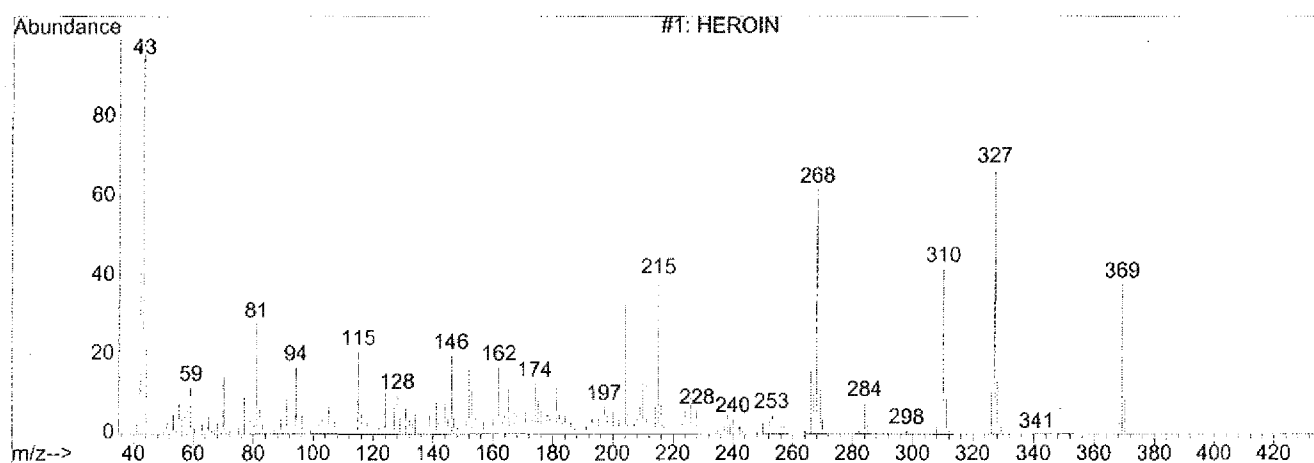
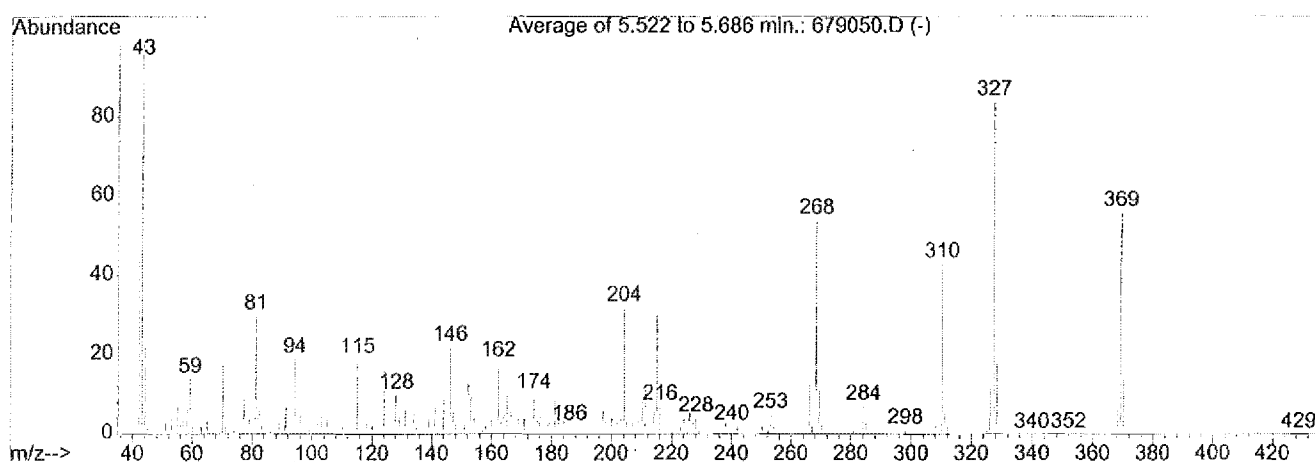
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File Name       : F:\Q4-2009\SYSTEM4\10_19_09\679050.D
Operator        : ASD
Date Acquired   : 19 Oct 2009  21:31
Sample Name     : HEROIN STD
Submitted by    :
Vial Number     : 50
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

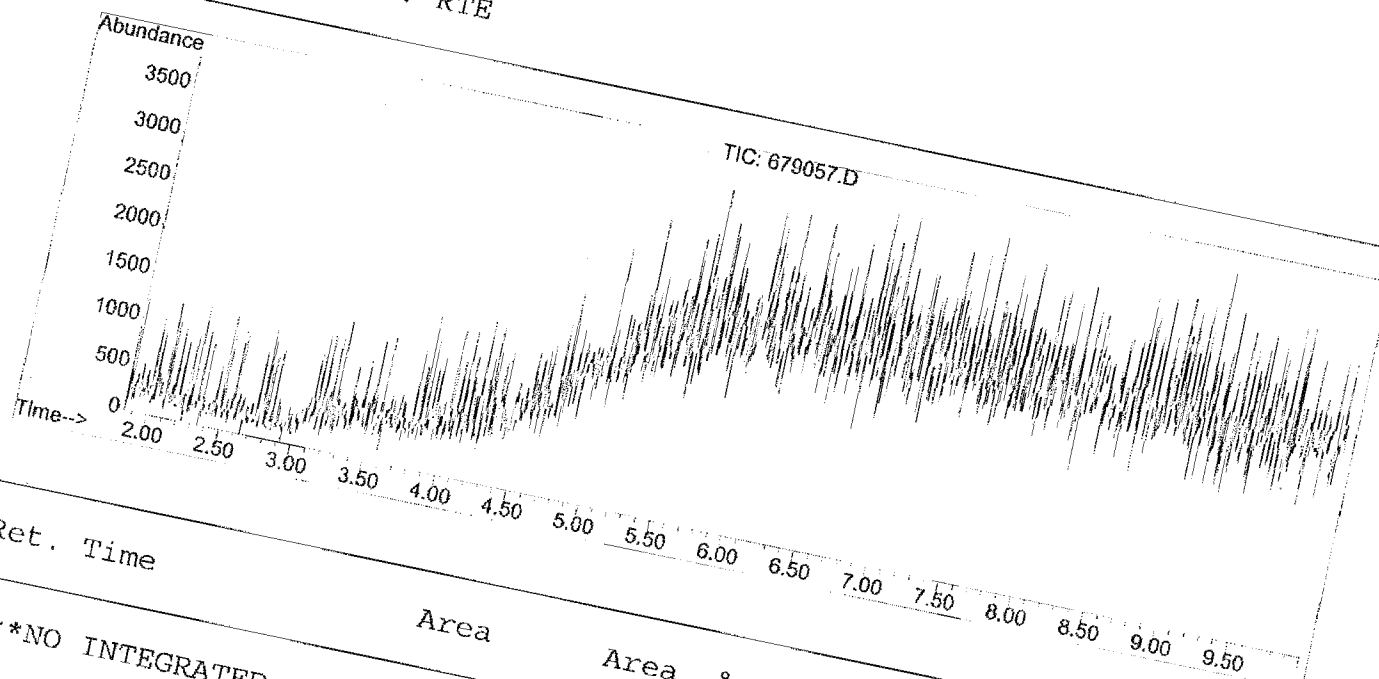
Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	5.56	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:
File Name : F:\Q4-2009\SYSTEM4\10_19_09\679057.D
Operator : ASD
Date Acquired : 19 Oct 2009 23:07
Sample Name : BLANK
Submitted by : SLF
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
NO INTEGRATED PEAKS			

679057.D

Wed Nov 02 11:28:39 2011

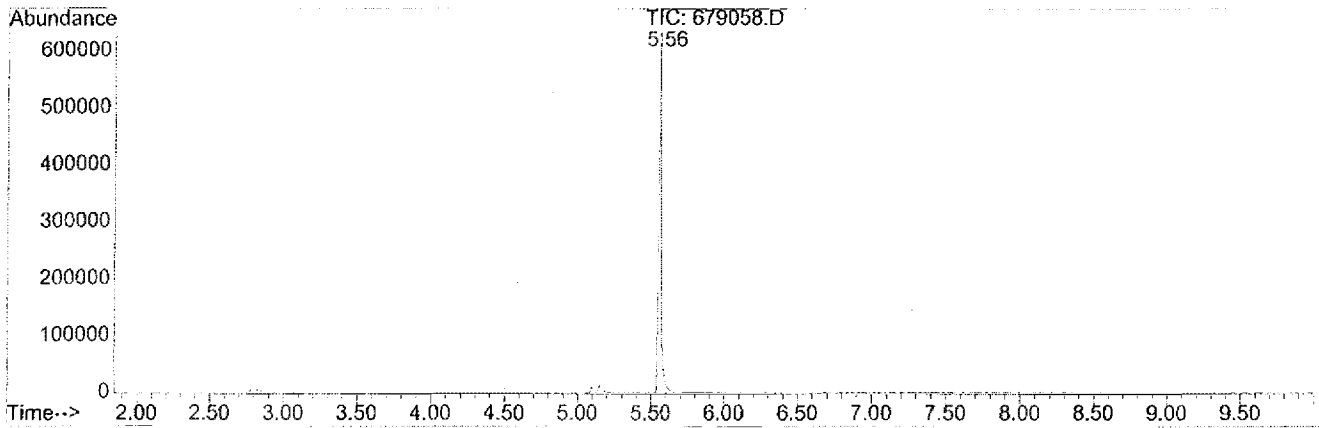
Page 1

Folk_OIG_PRR_041751

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM4\10_19_09\679058.D
 Operator : ASD
 Date Acquired : 19 Oct 2009 23:21
 Sample Name : XXXXXXXXXX
 Submitted by : SLF
 Vial Number : 58
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.558	784207	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

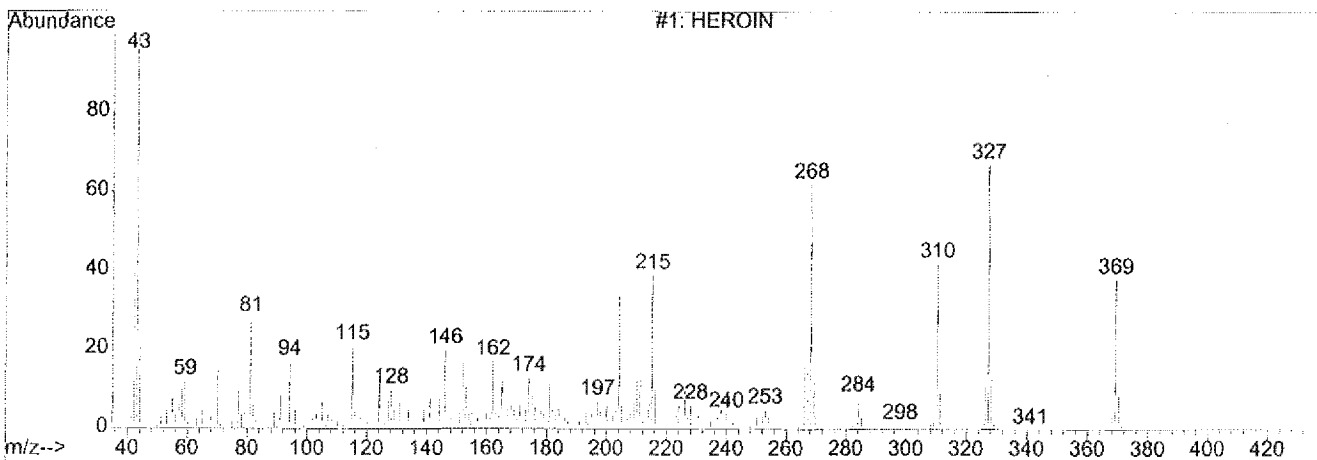
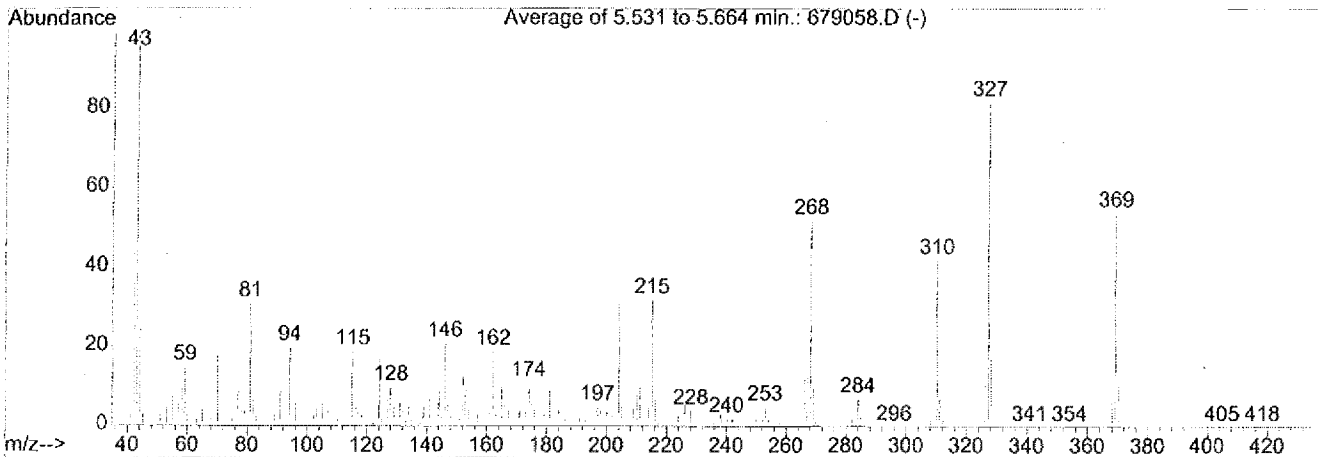
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File Name       : F:\Q4-2009\SYSTEM4\10_19_09\679058.D
Operator        : ASD
Date Acquired   : 19 Oct 2009  23:21
Sample Name     : ██████████
Submitted by    : SLF
Vial Number     : 58
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
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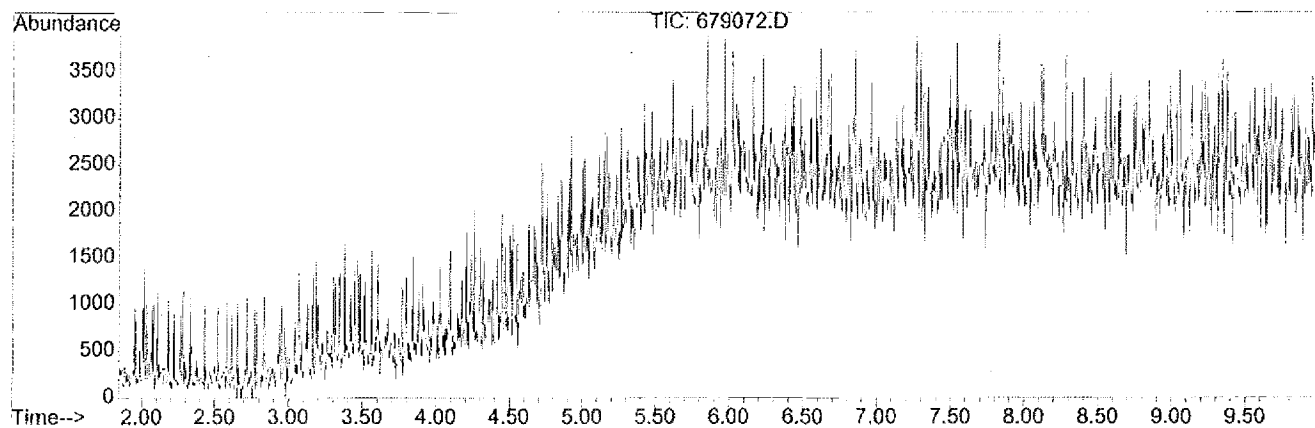
PK#	RT	Library/ID	CAS#	Qual
1	5.56	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM4\10_19_09\679072.D
Operator : ASD
Date Acquired : 20 Oct 2009 2:32
Sample Name : BLANK
Submitted by : SLF
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



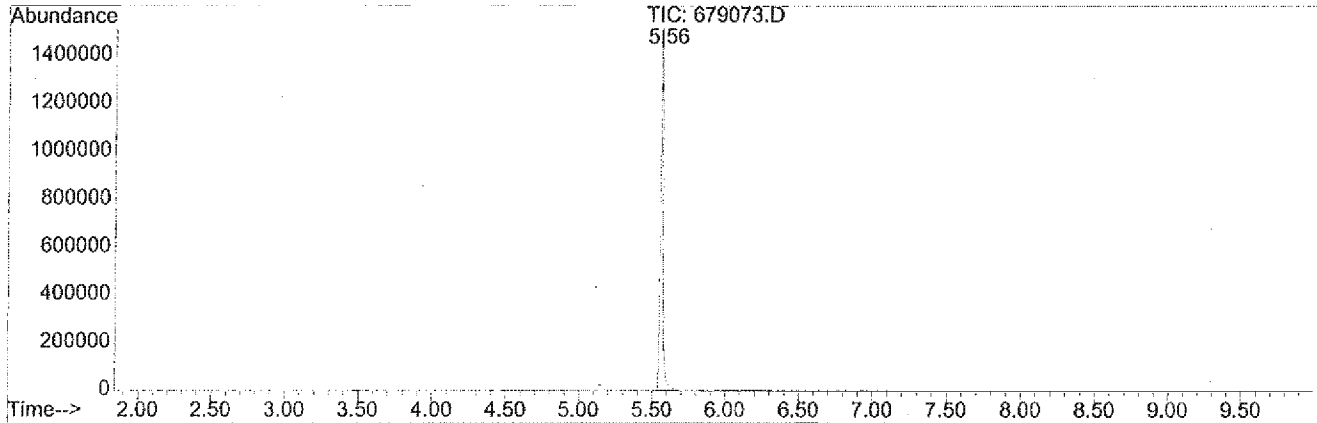
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM4\10_19_09\679073.D
 Operator : ASD
 Date Acquired : 20 Oct 2009 2:46
 Sample Name : HEROIN STD
 Submitted by : SLF
 Vial Number : 73
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.561	1958731	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM4\10_19_09\679073.D
 Operator : ASD
 Date Acquired : 20 Oct 2009 2:46
 Sample Name : HEROIN STD
 Submitted by : SLF
 Vial Number : 73
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	5.56	C:\DATABASE\SLI.L HEROIN	000561-27-3	99

